

1 **In the Claims**

2 Claims 24 and 62 are amended.

3 Claims 1-23, 37-47, 54-57, 61, 63-64 are canceled without prejudice.

4 Claims 24-36, 48-53, 58-60, and 62 remain in the application and are listed
5 below:

6 **1.-23. (Canceled).**

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9 **24. (Currently Amended)** A system for determining context
10 comprising:

11 one or more computer-readable media;

12 a first hierarchical tree structure having multiple nodes associated with a
13 first context, wherein the first hierarchical tree structure resides on the one or more
14 computer-readable media;

15 at least one second hierarchical tree structure having multiple nodes
16 associated with a second context, wherein the second hierarchical tree structure
17 resides on the one or more computer-readable media; and

18 at least one node from the at least one second hierarchical tree structure
19 being linked with one node on the first hierarchical tree structure by a link that is
20 configured to enable a complete context to be derived from the first and second
21 contexts, individual nodes having unique IDs that can serve as a basis by which
22 attributes can be assigned to goods or services,
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1 said multiple nodes comprising parent and children nodes, at least some of
2 the parent nodes and their associated children nodes having IDs that are unique for
3 the associated node.

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5 **25. (ORIGINAL)** The system of claim 24, wherein the first and second
6 contexts comprise a location context.

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8 **26. (ORIGINAL)** The system of claim 24, wherein the nodes of the first
9 hierarchical tree structure comprise geographical divisions of the Earth.

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12 **27. (ORIGINAL)** The system of claim 26, wherein the nodes of the at
13 least one second hierarchical tree structure comprise physical and/or logical
14 entities.

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17 **28. (ORIGINAL)** The system of claim 24, wherein the first and the at
18 least one second hierarchical tree structures comprise a plurality of attributes, one
19 of which comprising information that pertains to the tree with which the node is
20 associated.

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22 **29. (ORIGINAL)** The system of claim 28, wherein the information
23 comprises a universal resource locator (URL).
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1 **30. (ORIGINAL)** The system of claim 24 further comprising one or
2 more goods or services associated with one or more of the nodes of the at least one
3 second hierarchical tree structure.

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5 **31. (ORIGINAL)** The system of claim 24, wherein the first hierarchical
6 tree structure comprises a standardized view of the Earth, and the at least one
7 second hierarchical tree structure comprises an organization-specific view of at
8 least a portion of the Earth, the organization-specific view comprising a
9 physical/logical entity that links into specific portions of the Earth.
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12 **32. (ORIGINAL)** The system of claim 31, wherein the organization-
13 specific view has no context outside of the organization.
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15 **33. (ORIGINAL)** The system of claim 24, wherein the computer-
16 readable media is embodied on a mobile computing device.
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19 **34. (ORIGINAL)** The system of claim 24, wherein the computer-
20 readable media is embodied on a desktop device.
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22 **35. (ORIGINAL)** The system of claim 24, wherein the computer-
23 readable media is embodied a handheld mobile computing device.
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1 **36. (ORIGINAL)** The system of claim 24, wherein the computer-
2 readable media is accessible to a computing device via the Internet.

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4 **37.-47. (Canceled).**

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6 **48. (PREVIOUSLY PRESENTED)** One or more computer-readable
7 media having computer-readable instructions thereon which, when executed by a
8 computing device, cause the computing device to:

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10 access first and second hierarchical tree structures, each tree structure
11 having multiple nodes, the nodes of the first hierarchical tree structure being
12 associated with a first location context, the nodes of the second hierarchical tree
13 structure being associated with a second location context, at least one node of the
14 second hierarchical tree structure being linked with a node of the first hierarchical
15 tree structure; and

16
17 traverse at least one node of each tree structure to derive a location context,
18 at least one node in a traversal path that leads to a root node of the second
19 hierarchical tree structure being linked with a node of the first hierarchical tree
20 structure, individual nodes having unique IDs that can serve as a basis by which
21 attributes can be assigned to goods or services, said multiple nodes comprising
22 parent and children nodes, at least some of the parent nodes and their associated
23 children nodes having IDs that are unique for the associated node.
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1 **49. (ORIGINAL)** The one or more computer-readable media of claim
2 48, wherein the computing device automatically determines its location context.

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4 **50. (ORIGINAL)** The one or more computer-readable media of claim
5 48, wherein the computing device is a handheld computing device.

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7 **51. (ORIGINAL)** The one or more computer-readable media of claim
8 48, wherein the computing device is a mobile computing device.

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10 **52. (ORIGINAL)** The one or more computer-readable media of claim
11 48, wherein the computing device is a desktop device.

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13 **53. (ORIGINAL)** The one or more computer-readable media of claim
14 48, wherein the computing device is a handheld computing device that
15 automatically determines its location context.
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19 **54.-57. (Canceled).**

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21 **58. (PREVIOUSLY PRESENTED)** A computer-implemented method
22 of building context-aware data structures comprising:
23 receiving input from a source that specifies information pertaining to
24 physical and/or logical entities;
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1 processing the information to define a hierarchical tree structure having a
2 context, the tree structure comprising multiple nodes each of which represent a
3 separate physical or logical entity, said multiple nodes comprising parent and
4 children nodes, at least some of the parent nodes and their associated children
5 nodes having IDs that are unique for the associated node;

6 linking at least one of the multiple nodes to a node of another tree structure
7 having a context and multiple nodes that represent physical and/or logical entities,
8 individual nodes having unique IDs that can serve as a basis by which attributes
9 can be assigned to goods or services,
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11 the tree structures being configured for traversal in a manner that enables
12 context to be derived from one or more of the nodes.
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14 **59. (ORIGINAL)** The computer-implemented method of claim 58,
15 wherein the context that is derived comprises a location context.
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18 **60. (ORIGINAL)** One or more computer-readable media having
19 computer-readable instructions thereon which, when executed by a computing
20 device, cause the computing device to implement the method of claim 58.
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22 **61. (Canceled).**
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1 **62. (Currently Amended)** A system for determining context
2 comprising:

3 one or more computer-readable media;

4 a first hierarchical tree structure having multiple nodes associated with a
5 first context, wherein the first hierarchical tree structure resides on the one or more
6 computer-readable media;

7 at least one second hierarchical tree structure having multiple nodes
8 associated with a second context, wherein the second hierarchical tree structure
9 resides on the one or more computer-readable media; and
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11 at least one node from the at least one second hierarchical tree structure
12 being linked with one node on the first hierarchical tree structure by a link that is
13 configured to enable a complete context to be derived from the first and second
14 contexts, individual nodes having unique IDs that can serve as a basis by which
15 attributes can be assigned to goods or services,
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17 said multiple nodes comprising parent and children nodes, at least some of
18 the parent nodes and their associated children nodes having IDs that are unique for
19 the associated node;

20 wherein the nodes of the first hierarchical tree structure comprise
21 geographical divisions of the Earth;

22 wherein the first and the at least one second hierarchical tree structures
23 comprise a plurality of attributes, one of which comprising information that
24 pertains to the tree with which the node is associated.
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63.-64. (Canceled).